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**PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Fuad Mehraban et al. ) New Attorney Docket No:  
Serial No: 09/703,350 ) 09800081-0041  
Filed: October 31, 2000 )  
Title: DIFFERENTIALLY EXPRESSED GENES )  
INVOLVED IN ANGIOGENESIS, THE )  
POLYPEPTIDES ENCODED THEREBY, )  
AND METHODS OF USING THE SAME )  
Group Art Unit No: 1644  
Examiner: Unknown

Commissioner of Patents and Trademarks  
Assignment Division, Box Assignments  
CG-4, 1213 Jefferson Davis Hwy, Suite 320  
Washington, D.C. 20231

RECEIVED

SEP 03 2002

TECH CENTER 1600/2900

**PETITION FOR CORRECTED NOTICE OF RECORDATION OF ASSIGNMENT  
DOCUMENT**

Dear Sir:

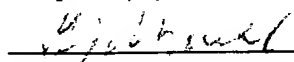
This is a corrected Assignment to correct the priority claim on the Recordation Form, No. 101826865 filed on August 21, 2001, re-recorded on reel/frame: 012104/0764. Assignor hereby confirms the assignment of the entire interest.

Applicant inadvertently typed "60/162,699" as the priority claim. The correct priority claim is "60/162,669."

The Commissioner is hereby authorized to charge our Deposit Account No. 19-3140 in the amount of \$40 to cover the filing fee. The Commissioner is also authorized to charge any additional fees in connection with this Recordation Form.

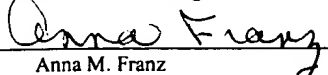
In view of the foregoing remarks and supporting documentation, correction of the Notice of Recordation of Assignment is requested.

Respectfully submitted,

  
\_\_\_\_\_  
Gregory M. Zinkl, Reg. 48,492

SONNENSCHN NATH & ROSENTHAL  
P.O. Box #061080  
Wacker Drive Station, Sears Tower  
Chicago, IL 60606-1080  
(312)876-8000

I hereby certify that this document and any being referred to as attached or enclosed is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on

8-4-02   
Date Anna M. Franz

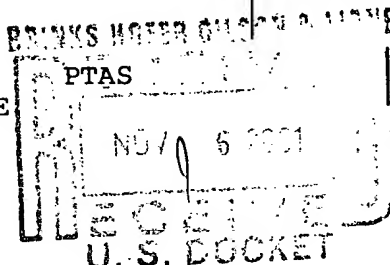




UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 29, 2001

BRINKS HOFER GILSON & LIONE  
GREGORY M. ZINKL  
P.O. BOX 10395  
CHICAGO, IL 60610



\*101826865A\*

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/24/2001

REEL/FRAME: 012104/0764

NUMBER OF PAGES: 14

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MEHRABAN, FUAD

DOC DATE: 07/13/2001

ASSIGNOR:  
GERRITSEN, MARY

DOC DATE: 07/24/2001

ASSIGNOR:  
RASTELLI, LUCA

DOC DATE: 07/20/2001

ASSIGNEE:  
GENENTECH, INC.  
1 DNA WAY  
SOUTH SAN FRANCISCO, CALIFORNIA

94080

ASSIGNEE:  
CURAGEN CORPORATION  
555 LONG WHARF DRIVE  
NEW HAVEN, CONNECTICUT 06511

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012104/0764 PAGE 2

SERIAL NUMBER: 09703350  
PATENT NUMBER:

FILING DATE: 10/31/2000  
ISSUE DATE:

SERIAL NUMBER: 60162699  
PATENT NUMBER:

FILING DATE: 11/01/1999  
ISSUE DATE:

SERIAL NUMBER: 60196802  
PATENT NUMBER:

FILING DATE: 04/13/2000  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

PATENTS ONLY

PATENTS ONLY

TO THE

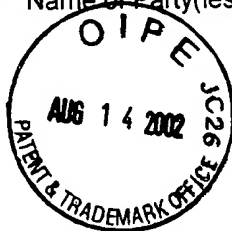
PATENTS

Please record

copy thereof.

1. Name of Party(ies) conveying an interest:

Address of Party(ies) receiving an interest:



Fuad Mehraban  
Mary Gerritsen  
Luca Rastelli

8.2(-01)

Name: Genentech, Inc.  
Internal Address:  
Street Address: 1 DNA Way  
City: South San Francisco  
State/Zip: California, 94080

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Additional name(s) and addresses attached?

☒ Yes ☐ No

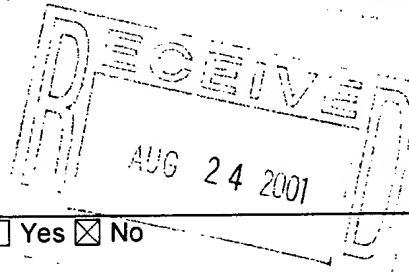
3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ Merger

Execution Date: July 13, 2001; July 24, 2001 and  
July 20, 2001.

4. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is:

Date

A. Patent Application No.(s)

09/703,350  
60/162,699  
60/196,802

B. Patent No.(s)

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Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 3

7. Total fee (37 CFR 3.41)

\$ 120.00☒ Enclosed☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory M. Zinkl, Ph.D.  
Name of Person Signing

*Gregory M. Zinkl*  
Signature

August 21, 2001  
Date

Total number of pages including cover sheet, attachments, and document: 14

Docket No. 10716/15 (P1891R1 and Cura-90)

Attachment to Box 2 of the Assignment Recordal for Patents Only for

Serial No. 09/703,350  
Filed on October 5, 2000

2. Name and Address of second Party receiving an Interest:

Name:	CuraGen Corporation
Internal Address:	
Street Address:	555 Long Wharf Drive
City:	New Haven
State/Zip:	CT, 06511

**ASSIGNMENT**

WHEREAS, Fuad Mehraban, Mary Gerritsen and Luca Rastelli, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled DIFFERENTIALLY EXPRESSED GENES INVOLVED IN ANGIOGENESIS, THE POLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME, for a full description of which reference is here made to an application for Letters Patent of the United States filed on October 31, 2000 and assigned Application Serial No. 09/703,350, which claims priority to Provisional Application Serial Nos. 60/162,699 filed on November 1, 1999 and 60/196,802, filed on April 13, 2000;

WHEREAS, **Genentech, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at **1 DNA Way, South San Francisco, CA 94080**, and **CuraGen Corporation**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at **555 Long Wharf Drive, New Haven, CT 06511**, hereinafter called the "Assignees", desire to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the above identified Assignees, **Genentech, Inc. and CuraGen Corporation**, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and

to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

7/13/01

  
Fuad Mehraban

DATED:

\_\_\_\_\_

\_\_\_\_\_  
Mary Gerritsen

DATED:

\_\_\_\_\_

\_\_\_\_\_  
Luca Rastelli



STATE OF CT )  
 ) ss.  
COUNTY OF New Haven )

I, Wendy F. Bristol, A Notary Public in and for the County and State aforesaid, do hereby certify that Fuad Mehraban, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 13<sup>th</sup> day of July, 2001.

Wendy F. Bristol  
Notary Public

(SEAL)

My Commission Expires: 3-31-06

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Mary Gerritsen, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Luca Rastelli, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:

ASSIGNMENT

WHEREAS, Fuad Mehraban, Mary Gerritsen and Luca Rastelli, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled DIFFERENTIALLY EXPRESSED GENES INVOLVED IN ANGIOGENESIS, THE POLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME, for a full description of which reference is here made to an application for Letters Patent of the United States filed on October 31, 2000 and assigned Application Serial No. 09/703,350, which claims priority to Provisional Application Serial Nos. 60/162,699 filed on November 1, 1999 and 60/196,802, filed on April 13, 2000;

WHEREAS, **Genentech, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at **1 DNA Way, South San Francisco, CA 94080**, and **CuraGen Corporation**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at **555 Long Wharf Drive, New Haven, CT 06511**, hereinafter called the "**Assignees**", desire to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the above identified Assignees, **Genentech, Inc. and CuraGen Corporation**, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and

to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: \_\_\_\_\_

\_\_\_\_\_  
Fuad Mehraban

DATED: July 24/01

  
\_\_\_\_\_  
Mary Gerritsen

DATED: \_\_\_\_\_

\_\_\_\_\_  
Luca Rastelli

**ASSIGNMENT**

WHEREAS, Fuad Mehraban, Mary Gerritsen and Luca Rastelli, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled DIFFERENTIALLY EXPRESSED GENES INVOLVED IN ANGIOGENESIS, THE POLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME, for a full description of which reference is here made to an application for Letters Patent of the United States filed on October 31, 2000 and assigned Application Serial No. 09/703,350, which claims priority to Provisional Application Serial Nos. 60/162,699 filed on November 1, 1999 and 60/196,802, filed on April 13, 2000;

WHEREAS, **Genentech, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at **1 DNA Way, South San Francisco, CA 94080**, and **CuraGen Corporation**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at **555 Long Wharf Drive, New Haven, CT 06511**, hereinafter called the "Assignees", desire to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the above identified Assignees, **Genentech, Inc. and CuraGen Corporation**, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and

to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: \_\_\_\_\_

\_\_\_\_\_  
Fuad Mehraban

DATED: \_\_\_\_\_

\_\_\_\_\_  
Mary Gerritsen

DATED: 7/20/01

  
\_\_\_\_\_  
Luca Rastelli

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Fuad Mehraban, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
day of \_\_\_\_\_, 20 .

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Mary Gerritsen, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
day of \_\_\_\_\_, 20 .

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:



STATE OF Connecticut  
COUNTY OF New Haven<sup>ss</sup>

I, Jenell Lawton, A Notary Public in and for the County and State aforesaid, do hereby certify that Luca Rastelli, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
day of July, 2007.

(SEAL)

My Commission Expires: 2/28/04

Jenell Lawton  
Notary Public